

METHOD FOR MEASURING PIPING FORCES ACTING ON A TURBINE  
CASING

ABSTRACT OF THE DISCLOSURE

A method is disclosed to monitor deflections in a turbine casing by: positioning gap sensors on a shell standard support surface and below an opposite surface of the shell arm support; each gap sensor monitoring a gap between the shell standard support surface and shell arm support; determining change in the planar slope of the shell arm support over the period of time based on the collected data, wherein changes in the slope indicate deflections in the casing.